

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE090524AL\  
 Data File : FE049938.D  
 Signal(s) : FID1B.ch  
 Acq On : 05 Sep 2024 16:05  
 Operator : YP\AJ  
 Sample : P3838-01MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 OK-01-0902424MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/06/2024  
 Supervised By :Ankita Jodhani 09/06/2024

Integration File: autoint1.e  
 Quant Time: Sep 06 01:31:40 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 081424.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 14 11:05:17 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units    |
|--------------------------------|--------|------------|---------------|
| -----                          |        |            |               |
| System Monitoring Compounds    |        |            |               |
| 9) S ortho-Terphenyl (SURR)    | 11.881 | 3255274    | 20.130 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 40.26%        |
| 12) S 1-chlorooctadecane (S... | 13.316 | 3539349    | 29.010 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 58.02%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.271  | 3856775    | 24.922 ug/ml  |
| 2) T n-Decane (C10)            | 4.522  | 4364072    | 27.640 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.229  | 4620753    | 28.798 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.689  | 4936764    | 31.403 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.325  | 4828454    | 32.243 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.517  | 5544940    | 35.917 ug/mlm |
| 7) T n-Hexadecane (C16)        | 10.123 | 5974295    | 38.252 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.564 | 6120770    | 38.973 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.873 | 6121470    | 40.999 ug/mlm |
| 11) T n-Heneicosane (C21)      | 13.484 | 5903597    | 40.243 ug/ml  |
| 13) T n-Docosane (C22)         | 14.070 | 5829063    | 39.993 ug/mlm |
| 14) T n-Tetracosane (C24)      | 15.168 | 10311186   | 70.884 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.193 | 5714725    | 39.596 ug/mlm |
| 16) T n-Octacosane (C28)       | 17.145 | 6373471    | 44.248 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.034 | 6497520    | 43.403 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.867 | 6976435    | 46.115 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.654 | 8079804    | 52.851 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.397 | 7029652    | 46.293 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.129 | 7011786    | 44.674 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.029 | 6657522    | 43.605 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : P3838-01MSD  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

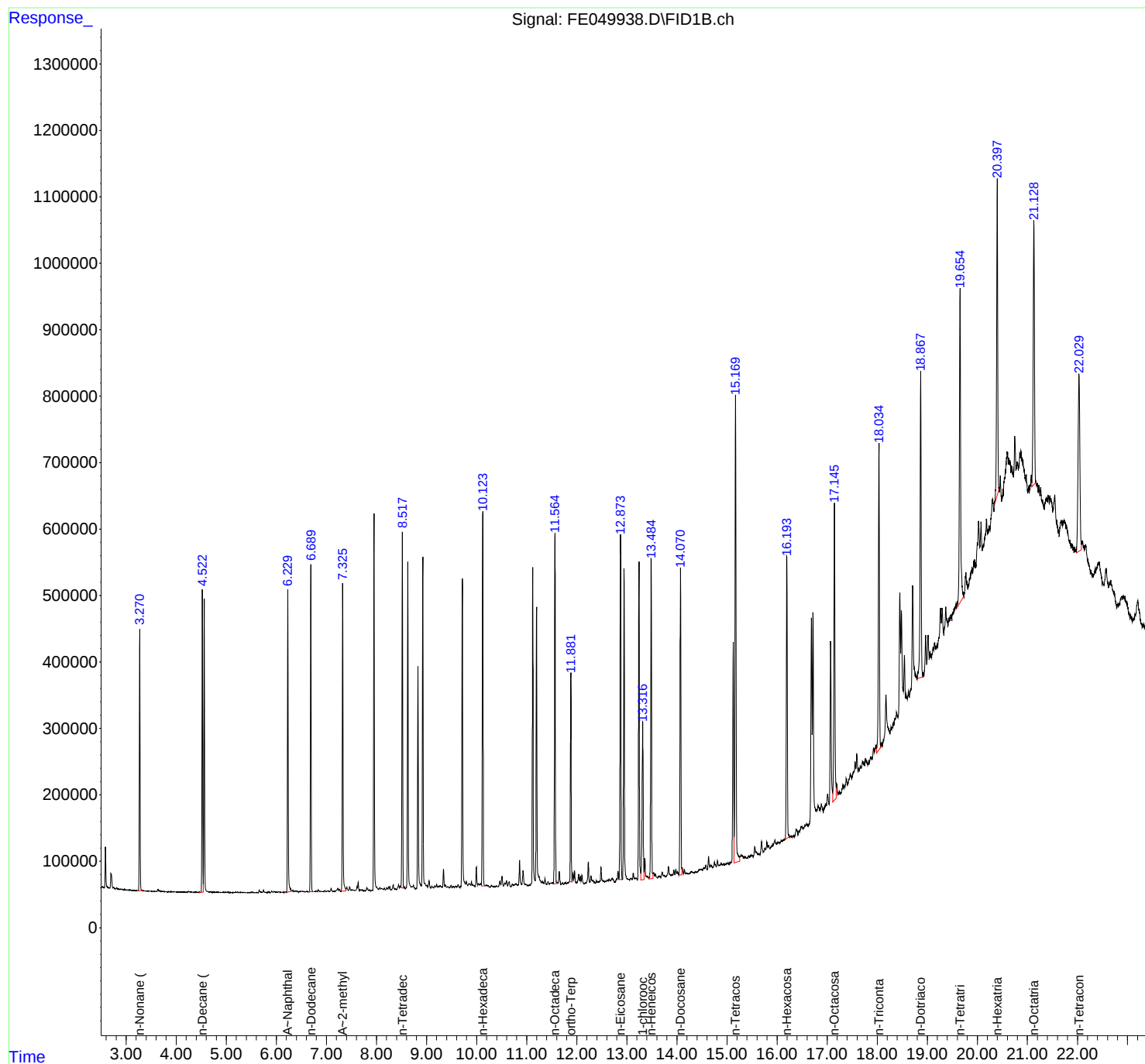
Instrument :  
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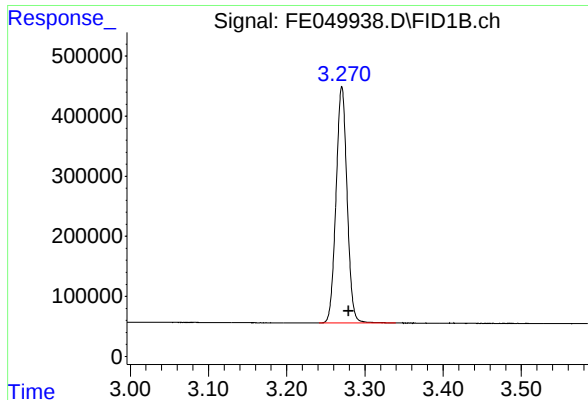
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Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.271 min  
Delta R.T.: -0.008 min  
Response: 3856775  
Conc: 24.92 ug/ml

Instrument :

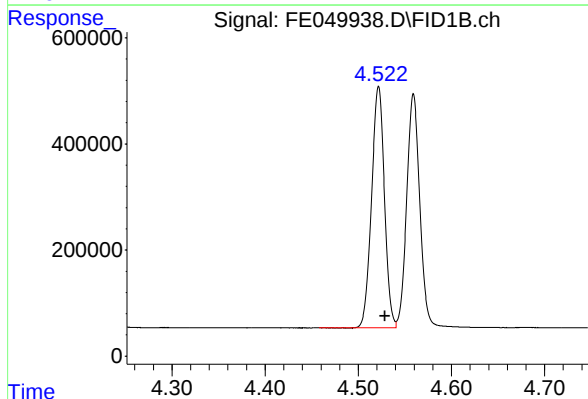
FID\_E

ClientSampleId :

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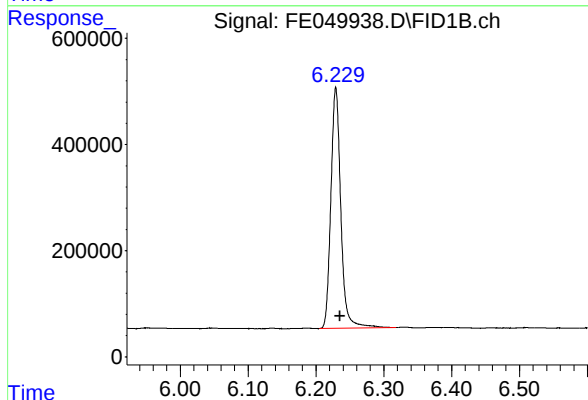
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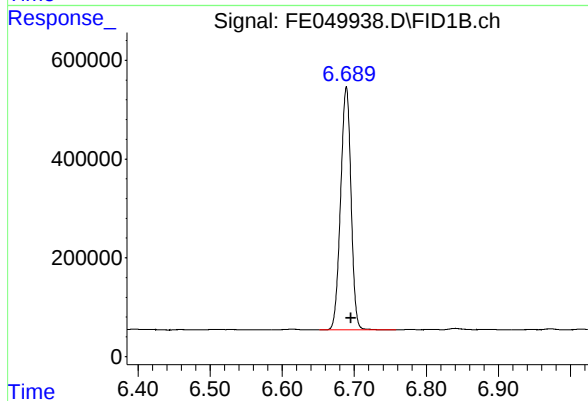
#2 n-Decane (C10)

R.T.: 4.522 min  
Delta R.T.: -0.007 min  
Response: 4364072  
Conc: 27.64 ug/ml



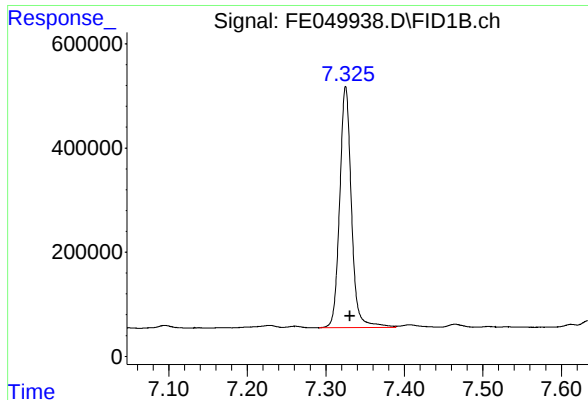
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min  
Delta R.T.: -0.006 min  
Response: 4620753  
Conc: 28.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.689 min  
Delta R.T.: -0.007 min  
Response: 4936764  
Conc: 31.40 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.325 min  
Delta R.T.: -0.005 min  
Response: 4828454  
Conc: 32.24 ug/ml

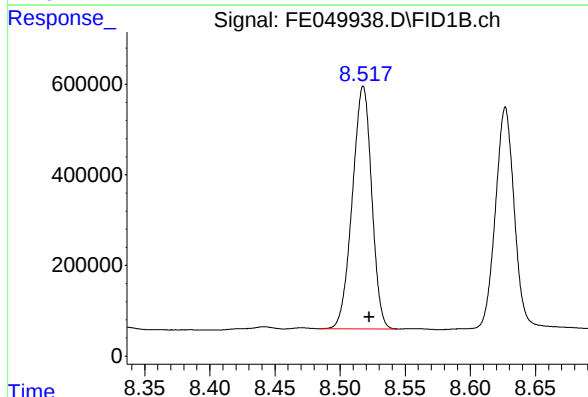
Instrument :

FID\_E

ClientSampleId :  
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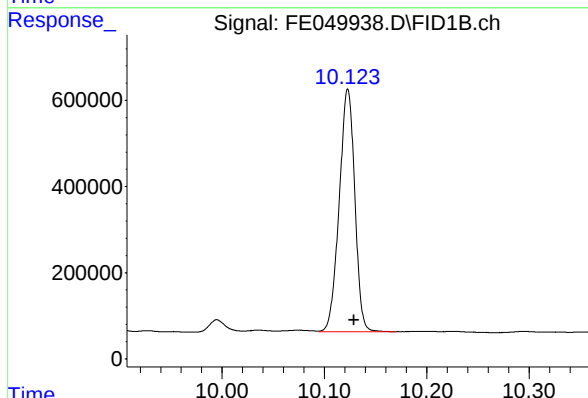
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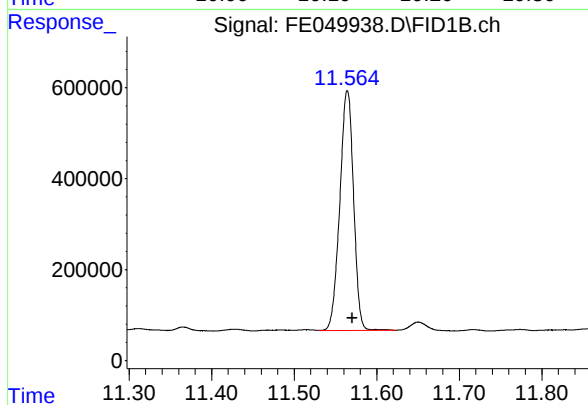
#6 n-Tetradecane (C14)

R.T.: 8.517 min  
Delta R.T.: -0.005 min  
Response: 5544940  
Conc: 35.92 ug/ml m



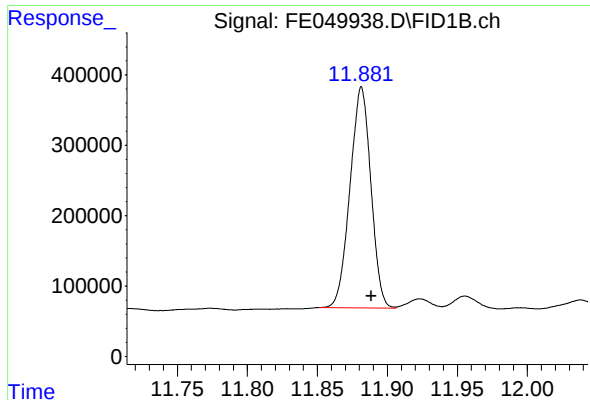
#7 n-Hexadecane (C16)

R.T.: 10.123 min  
Delta R.T.: -0.006 min  
Response: 5974295  
Conc: 38.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.564 min  
Delta R.T.: -0.006 min  
Response: 6120770  
Conc: 38.97 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.881 min  
Delta R.T.: -0.007 min  
Response: 3255274  
Conc: 20.13 ug/ml

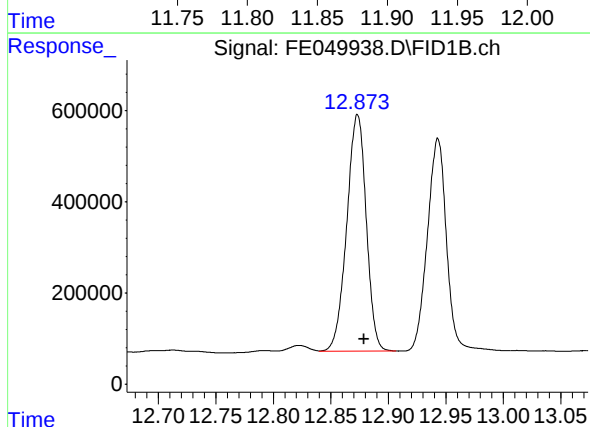
Instrument :

FID\_E

ClientSampleId :  
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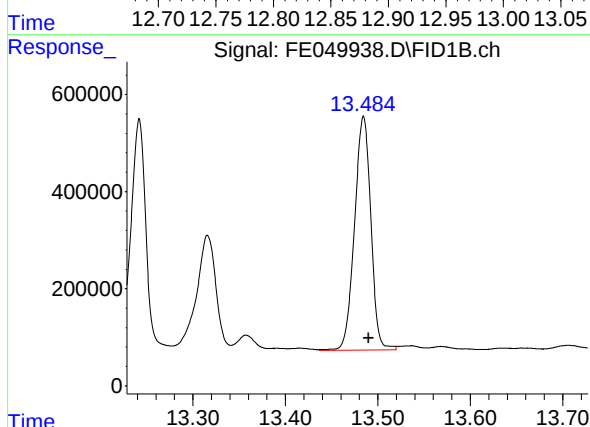
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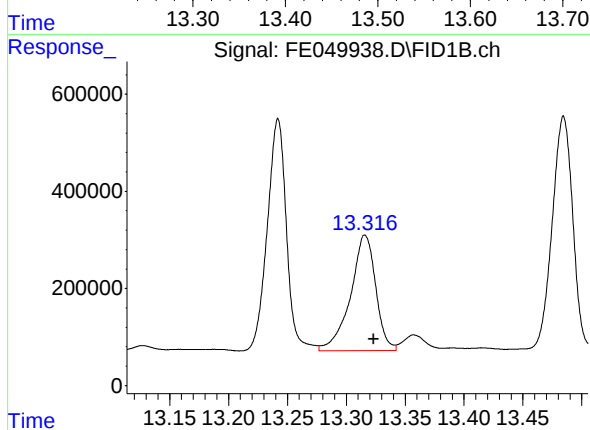
#10 n-Eicosane (C20)

R.T.: 12.873 min  
Delta R.T.: -0.006 min  
Response: 6121470  
Conc: 41.00 ug/ml m



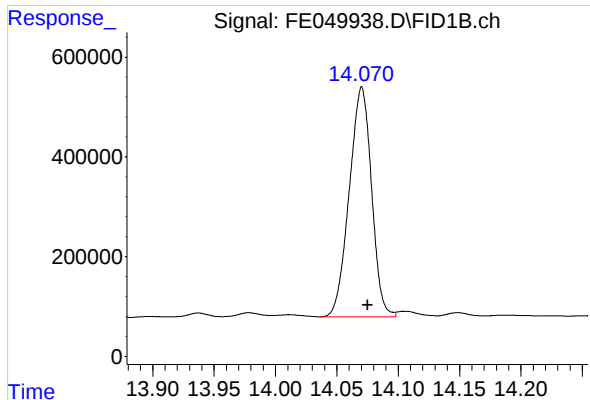
#11 n-Heneicosane (C21)

R.T.: 13.484 min  
Delta R.T.: -0.006 min  
Response: 5903597  
Conc: 40.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.316 min  
Delta R.T.: -0.008 min  
Response: 3539349  
Conc: 29.01 ug/ml



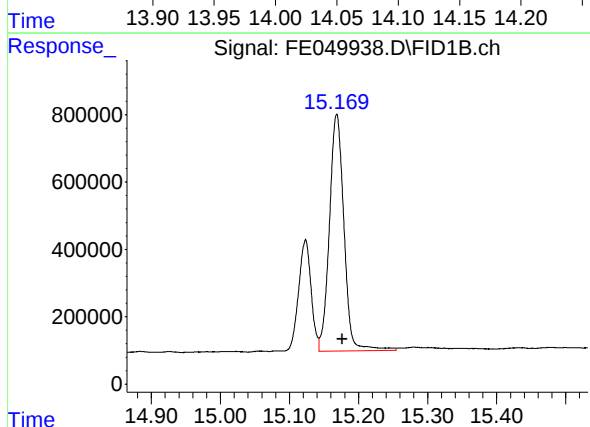
#13 n-Docosane (C22)

R.T.: 14.070 min  
Delta R.T.: -0.005 min  
Response: 5829063  
Conc: 39.99 ug/ml

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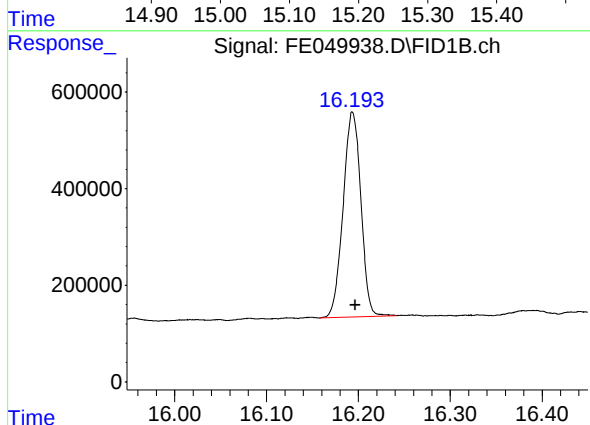
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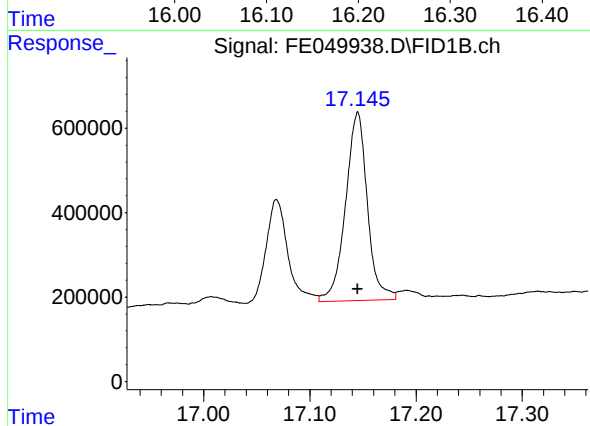
#14 n-Tetracosane (C24)

R.T.: 15.168 min  
Delta R.T.: -0.008 min  
Response: 10311186  
Conc: 70.88 ug/ml



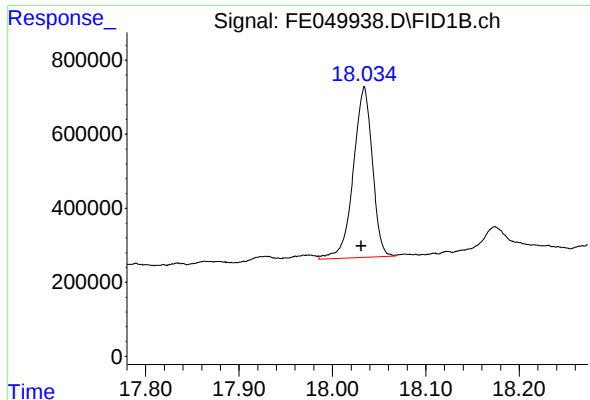
#15 n-Hexacosane (C26)

R.T.: 16.193 min  
Delta R.T.: -0.004 min  
Response: 5714725  
Conc: 39.60 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.145 min  
Delta R.T.: 0.000 min  
Response: 6373471  
Conc: 44.25 ug/ml



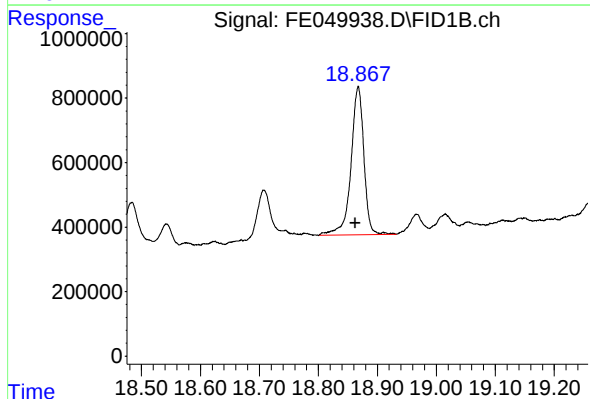
#17 n-Tricontane (C30)

R.T.: 18.034 min  
Delta R.T.: 0.003 min  
Response: 6497520  
Conc: 43.40 ug/ml

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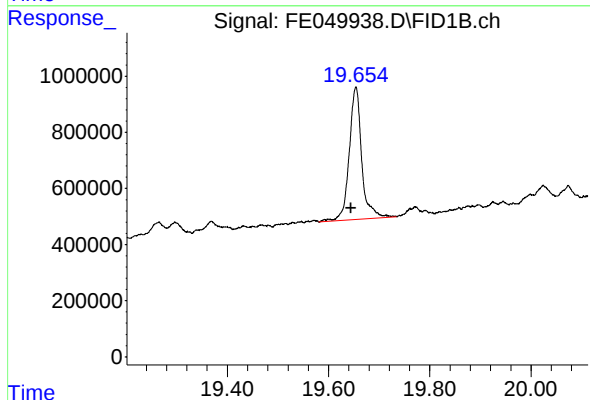
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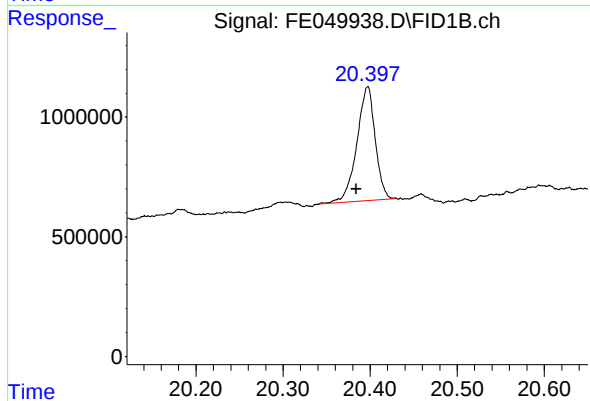
#18 n-Dotriacontane (C32)

R.T.: 18.867 min  
Delta R.T.: 0.005 min  
Response: 6976435  
Conc: 46.12 ug/ml



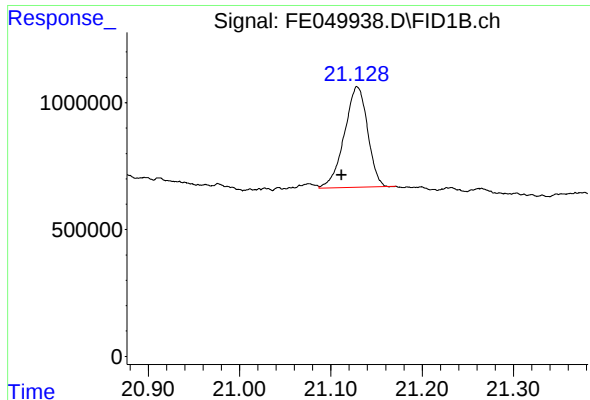
#19 n-Tetratriacontane (C34)

R.T.: 19.654 min  
Delta R.T.: 0.009 min  
Response: 8079804  
Conc: 52.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.397 min  
Delta R.T.: 0.013 min  
Response: 7029652  
Conc: 46.29 ug/ml



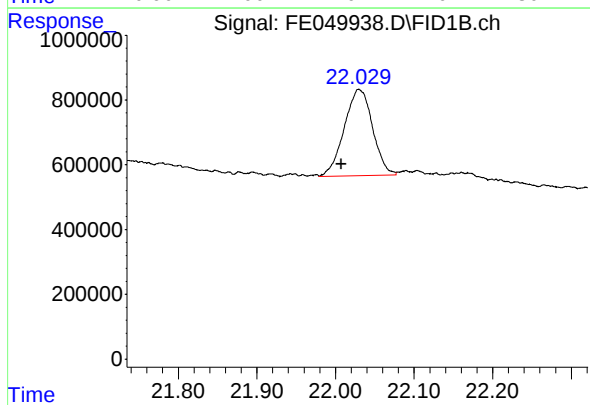
#21 n-Octatriacontane (C38)

R.T.: 21.129 min  
Delta R.T.: 0.017 min  
Response: 7011786  
Conc: 44.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.029 min  
Delta R.T.: 0.022 min  
Response: 6657522  
Conc: 43.60 ug/ml m